

## ***Proposed the Good model to verify Origins of Solar System (Planet, Asteroid belt, Earth, Moon)***

***with "Multi Impact Hypothesis ", from 16' results of one time Evolution by Abduction.***

cf. Simulation is an example by Abduction from 1.

\*Akira Taneko<sup>1</sup>

1. SEED SCIENCE Lab.

We have been exploring **Origins of Solar System by Induction and Deductive methods** until now, but since we can not go back in time to the past, Search for Truth has not proceeded late. The theory has verified the law by explaining multiple results only for the results of detailed experiments.

Since **Evolution of Origin Hypothesis** that **Initial State is unknown** and **Impossible to reproduce Experiment is reality**, **One-Time Evolution happened**, so **unified** explanation of **Planet of Solar system, such as Present state**, and **all of Features of Earth and Moon in particular** You can verify by **Method called Abduction**.

Origin Hypothesis of Moon "**Giant Impact Hypothesis**" up to now is a **Simulation** that creates **Moon of Mantle alone**, and **it could not explain** one feature of any other Moon. In abduction it is only an illustration of **N=1**.

However, the "**multi impact hypothesis**" includes not only **Origin of the moon whose component is Mantle** but also **Moon's Orbital Energy (60·Re)**, **Eccentricity of Moon** (always **Moon's Surface** faces the earth), **Origin of Moon Sea** , **I could explain why** there is no **Ocean on the reverse side**.

Furthermore, although it is Origin Hypothesis of Moon, other features of the solar system, **Origins of Asteroid Belt** and **Origin of Differentiated Earth Meteorite**, **Origin of Ocean of Earth** (60%>, 5 km depth), **Origin of Plate Boundary**, **Origin of Plate Tectonics**, **Origin of Driving Force**, **Origin of Pacific Rim Orphan Ocean Island** and **Back Arc Concave Marine Basin**, **Origins of Mutual Plate Overlap**, **Origins of Axis Inclination**, **Origin of Diamond Mine**, **Origin of Van Allen belt eccentricity**, **Origin of Titian Sea**, **Origin of tilt**, **Risk of Sudden Change of Plate Movement Direction**, **Origin of species extinction**, **Origin of Jupiter large red spot**, **Origin of Mercury core rich**, **Origin of Pluto**, **Origin of Alps and Tibetan highland**, **Unified description to Origin of Continental Drift** It can be said that it was able to be verified as Abduction by being able to do. In particular, **Formation of Deep Seabed average of 5 km by Isostasy** and **Air Hockey state of the plate by Asthenosphere is Driving force of Earth plate due to eccentricity of the inertial efficiency**, become **Train Asteroid of the CERRA Mantle due to CERRA rupture**, **Collision at the intersection of Moon is Injection of Moon and Earth's Mantle Defect**, it is **Origin of several Seas** and **Origin of extinct species**. **Cracks in Earth's Mantle are Origin of Plate Boundary**, and **the Pacific Rim back Arc Naval Basin is also Origin of Plate Overlap**. **The high latitude collision is the origin of the earth's axis tilt**, and **Verification of Driving Force is also made that Antarctica fits into the earth's axis and becomes immovable**.

I proposed a theoretical model to verify Origins of Solar System (Planet, Asteroid belt, Earth, Moon) by Abduction from multiple (16) results of One Time Evolution. It is particularly noteworthy to show **Collision Speed and Aangle to Earth (12.4 km / s, 36.4 degrees)** and **Moon orbit energy (60 · Re)**. At the same time I could show **Feeding Zone and Bowden 's law**. It is a **theory model and victory of Abduction**.

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Keywords: Multi Impact Hypothesis, Verify with Abduction, Origin of the Solar System (Planet, Asteroid Belt, Earth, Moon), Multiple (16) results of one time evolution, Method of verifying Origin

